

STATEMENT OF BASIS

**Marine Industries Northwest, Inc.
Permit Modification
Permit No. ST 6175**

The purpose of this statement of basis is to explain the need to modify the wastewater discharge permit and provides the basis for the changes.

I. GENERAL INFORMATION

Permittee: Marine Industries Northwest, Inc.
P. O. Box 1275
Tacoma, WA 98401

Facility: Marine Industries Northwest, Inc.
313 East F Street
Tacoma, WA 98421

Discharge Location: Outfall 001, Middle Waterway
Latitude: 47° 15' xx" N
Longitude: 122° 25' xx" W

II. MODIFICATION

It has come to the Department of Ecology's attention that this facility has had encountered some problems with acidic rainfall onto their site. There is evidence that the rainfall's pH falling onto the site has been around 5.8 s.u. After the stormwater goes through the facility's treatment system, the pH of the stormwater has been raised to around 6.2 s.u. It is not the intent of this permit to treat indigenous acidic rainfall which is common in portions of heavily developed areas in Washington. The original permit limit range for pH was 6.5 - 8.5 s.u. This modification proposes to change the permit limit range to 6.0 - 8.5 s.u. The groundwater quality standards for pH are 6.5 – 8.5 s.u. Industries are commonly allowed a 0.5 s.u. variance in their permit limitations based on technological considerations, points of compliance and/or mixing zones. The Department does not believe that this relaxation of the facility's pH limitation will adversely affect the groundwater or the outlying Middle Waterway.

This Statement of Basis will serve as an amendment to the Permit and Fact Sheet.